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| Application Number     | 10/643,991          |
| Confirmation Number    | 5151                |
| Filing Date            | August 20, 2003     |
| First Named Inventor   | Yoshiko KASUGA      |
| Art Unit               | 1755                |
| Examiner Name          | Elizabeth A. Bolden |
| Attorney Docket Number | Q91040              |

**U.S. PATENT DOCUMENTS**

| Examiner Initials <sup>4</sup> | Cite No. <sup>1</sup> | Document Number |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
|                                |                       | Number          | Kind Code <sup>2</sup><br>(if known) |                                |   |
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**FOREIGN PATENT DOCUMENTS**

| Examiner Initials <sup>4</sup> | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation <sup>6</sup> |
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|                                |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |                                |   |                          |
| EAB                            |                       | JP                        | 60-221338           | A                                    | 11-06-1985                     | Ohara Inc.                                      | Abstract                 |
| EAB                            |                       | JP                        | 62-100449           | A                                    | 05-09-1987                     | Ohara Inc.                                      | Abstract                 |
| EAB                            |                       | JP                        | 11-268918           | A                                    | 10-05-1999                     | Hoya Precision KK                               | Abstract                 |
|                                |                       |                           |                     |                                      |                                |   |                          |
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**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials <sup>4</sup> | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation <sup>6</sup> |
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Examiner Signature

/Elizabeth A. Bolden/

Date Considered

01/18/2007

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.